Docket No.: 5060-0101PUS1

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Trond EIDSNES et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: December 15, 2004

Art Unit: N/A

For:

ACTUATOR IN A MICROFLUIDIC

SYSTEM FOR INDUCING

ELECTROOSMOTIC LIQUID MOVEMENT

IN A MICRO CHANNEL

Examiner: Not Yet Assigned

## **INFORMATION DISCLOSURE STATEMENT (IDS)**

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Copies of the references on the PTO/SB/08 are not provided.

Those documents which are marked with a double asterisk (\*\*) next to the Cite No. in the attached form PTO/SB/08 (facsimile) are not supplied because they were previously cited by or submitted to the Office in a prior application number PCT/NO2003/000246, filed July 15, 2003.

10/517835 DT12 Rec'd PCT/PTO 15 DEC 2004

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A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 02-2448, under Order No. 5060-0101PUS1. A duplicate copy of this paper is enclosed.

Dated: December 15, 2004

PCL/clb

Respectfully submitted

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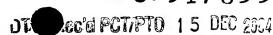
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PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO				Complete if Known		
				Application Number	Not Yet Assigned	
IN.	<b>IFORMATION</b>	I DI	SCLOSURE	Filing Date	December 15, 2004	
S	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Trond EIDSNES	
	(Use as many sheets as necessary)			Art Unit	N/A	
				Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	5060-0101PUS1	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	AA	US-2003/0164296-A1	09-04-2003	SQUIRES et al.		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>8</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	1 manazine iniimal senal symnosium catalon etc.) date nanels) volume-issue niimberis) niihlisher city			
	CA**	"ELECTROKINETIC PHENOMENA OF THE SECOND KIND AND THEIR APPLICATIONS", S.S. Dukhin, Advances in Colloid and Interface Science, 35 (1991) 173-196. Elsevier Science Publishers B.V., Amsterdam.			
	CB**	"INTENSIFICATION OF ELECTRODIALYSIS BASED ON ELECTROOSMOSIS OF THE SECOND KIND", S.S. Dikhin et al., Journal of Membrane Science, 79 (1993) 199-210, Elsevier Science Publishers, B.V., Amsterdam.			
	CC**	"ELECTRO-OSMOSIS OF THE SECOND KIND NEAR THE HETEROGENEOUS ION- EXCHANGE MEMBRANE", N.A. Mishcuk, Colloids and Surfaces A: Physicochemical and Engineering Aspects 140 (1998) 75-89.			
	CD**	"ELECTROOSMOSIS OF THE SECOND KIND", N.A. Mishchuk et al., Colloids and Surface A: Physicochemical and Engineering Aspects 95 (1995), 119-131. Ukraine.			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\* CITE NO.: Those document(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

'Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner	Date	
Signature	Considered	